

55146-148

8/20/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460



OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Nathan P. Ehresman
Director of Regulatory Affairs
Nufarm Americas Inc-AGT Division
C/O Nufarm Americas Inc.
4020 Aerial Center Parkway
Morrisville, NC 27560

AUG 20 2014

Subject: Label Amendment – Alternate Brand Names and Required CDPR Changes
Product Name: NUP-13009
EPA Registration Number: 55146-148
Application Date: 7/24/2014
Decision Number: 493668

Dear Mr. Ehresman:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable.

A stamped copy of your labeling is enclosed for your records containing two alternate brand names:

- 1.) SALIENT 372 FS SEED TREATMENT
- 2.) SALIENT 372 FS SEED TREATMENT FUNGICIDE

And the revisions required by the State of California.

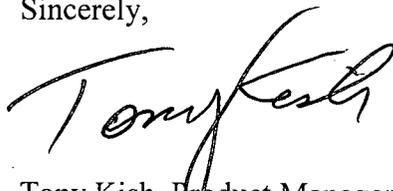
This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). If you have any questions, please contact Maryam K. Muhammad by phone at 703-347-0301, or via email at Muhammad.maryam@epa.gov.

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Sincerely,

A handwritten signature in black ink that reads "Tony Kish". The signature is written in a cursive style with a large, sweeping initial "T".

Tony Kish, Product Manager 22
Fungicide Branch
Registration Division (7505P)
Office of Pesticide Programs

Enclosure

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NUP-13009

ALTERNATE BRAND NAMES:

SALIENT 372 FS SEED TREATMENT
SALIENT 372 FS SEED TREATMENT FUNGICIDE

A seed treatment for control of diseases (barley, canola*, cotton, oats*, rye*, sweet corn, wheat, and triticale).

*Not approved for use in California

ACTIVE INGREDIENT:

Difenoconazole* 33.3%

OTHER INGREDIENTS:

..... 66.7%

TOTAL: 100.0%

*CAS No. 119446-68-3

Contains 3.09 pounds difenoconazole per gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION / PRECAUCION

See inside label booklet for FIRST AID and PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300

For Medical Emergencies Only, Call (877) 325-1840

FIRST AID

If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.

EPA REG. NO. 55146-148

EPA EST. NO. _____

Net Contents: _____ gallons (_____ liters)

055146-00148.20140617.MASTER

MANUFACTURED FOR
NUFARM AMERICAS INC.
AGT DIVISION

11901 S. Austin Avenue
LSP PL 60803



ACCEPTED

AUG 20 2014

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 55146-148

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION / PRECAUCION

Harmful if swallowed, absorbed through the skin, or inhaled. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants,
- Shoes plus socks,

Note: Persons involved in bagging treated seed, sewing or moving bags of treated seed, or cleaning up bagging areas or seed treatment equipment are pesticide handlers and must wear the PPE required on this label for pesticide handlers.

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

DO NOT apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. **DO NOT** contaminate water by disposing of equipment washwater.

PHYSICAL AND CHEMICAL HAZARDS

Please do not store or heat near oxidizing agents, hazardous chemical reaction may occur.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

For use by commercial seed treaters only in liquid or slurry treaters. Not for use on agricultural establishments in hopper-box, planter-box, slurry-box or other seed treatment applications at or immediately before planting.

Mix thoroughly before use or use entire container at one time. All tank mixes should be pre-tested to determine physical compatibility between formulations. Observe the most restrictive use precautions and limitations on labeling of the products used in mixtures.

NOTE: The purchaser of this product is responsible for ensuring that all seed treated with this product is adequately dyed with a suitable colorant that imparts an unnatural color, to prevent its accidental use as food for man or feed for animals. Refer to 21 CFR, Part 2.25. Any dye or colorant added to treated seed must be cleared for use under 40 CFR, Part 180.900. Federal regulations have established official tolerances for certain pesticide residues. In order that residues on food and forage crops will not exceed established tolerances, use only at specified rates.

Treated seed must not be used for or mixed with food or animal feed or processed for oil. Seed commercially treated with this product must be labeled in accordance with all applicable requirements of the Federal Seed Act.

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SEED LABELING

THE FEDERAL SEED ACT REQUIRES THAT BAGS CONTAINING TREATED SEED MUST BE LABELED AS FOLLOWS:

"This seed has been treated with difenoconazole seed treatment fungicide. DO NOT use for food, feed, or oil processing. Store away from feeds and other foodstuffs."

"DO NOT allow children, pets or livestock to have access to treated seeds."

"Wear long pants, long-sleeved shirt, shoes, socks, and chemical-resistant gloves when opening this bag or loading/pouring the treated seed."

"After the seeds have been planted, do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. Exception: If the treated seed is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is: coveralls, chemical-resistant gloves made of any waterproof material, and chemical-resistant footwear."

"Green wheat, oats, rye or triticale forage may not be grazed until 55 days after planting."

"Green barley forage may not be grazed until 30 days after planting."

"Do not plant any crop other than those on this label within 30 days to fields in which treated seeds were planted."

Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and, (2) no measurable residues remain in ethanol by-products that are used in agronomic practice."

PRODUCT INFORMATION

Apply as a seed treatment using standard slurry or mist-type seed treatment equipment. Uniform application to seed is necessary to ensure seed safety and best disease protection. Seed must be sound and well cured prior to treatment. Product must be diluted with sufficient water to ensure complete seed coverage. Consult a seed treatment specialist regarding slurry rates for the crop to be treated with this product.

When used in combination with other fungicides having a similar biological spectrum, this product will add to the systemic protection of the seed and seedling and improve control under high disease pressure.

MIXTURES: Prior to blending with other seed treatments confirm physical compatibility, seed safety, seed safety in stored seed, and biological efficacy before tank mixing with other seed treatment products. Follow the label directions for the most restrictive of label precautions and limitations.

The following table lists the maximum recommended total slurry volumes by crop.

Crop	Maximum Fl. Oz. Slurry / 100 lbs. of Seed
Wheat, Oats*, Rye*, and Barley	16
Canola*	23
Sweet Corn	8 to 16
Cotton	30

* Not approved for use in California

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BARLEY	
DISEASE	RATE (Fl. Oz. / 100 lbs. of Seed)
Barley Stripe General Seed Rots (caused by saprophytic fungi such as <i>Penicillium</i> spp. and <i>Aspergillus</i> spp.) Covered Smut Pythium Damping Off Common Root Rot (<i>Cochliobolus</i> spp.) ¹ Fusarium Seed Scab ¹ Rhizoctonia Root Rot ¹	0.5
Barley Stripe General Seed Rots (caused by saprophytic fungi such as <i>Penicillium</i> spp. and <i>Aspergillus</i> spp.) Fusarium Seed Scab Covered Smut Pythium Damping Off Take-all ¹ Common Root Rot (<i>Cochliobolus</i> spp.) ¹ Fusarium Root Rot ¹ Fusarium Crown Rot ¹ Rhizoctonia Root Rot ¹	1.0
REMARKS	
¹ Partial control / suppression only: erratic control from good to poor, or control below that which is generally considered acceptable for commercial-disease control.	

CANOLA (not approved for use in California)	
DISEASE	RATE (Fl. Oz. / 100 lbs. of Seed)
Seed-borne Blackleg (<i>Leptosphaeria maculans</i>)	1.0
REMARKS	
Tank mix NUP-13009 with seed treatment SPIRATO 480 FS for broad spectrum protection against other diseases such as Fusarium and Rhizoctonia.	

COTTON	
DISEASE	RATE (Fl. Oz. / 100 lbs. of Seed)
Preemergent and Postemergent damping off caused by <i>Rhizoctonia</i> spp. and <i>Fusarium</i> spp.	0.5 to 1.45
REMARKS	
Use higher rates where disease is expected to be severe. Apply in combination with SEBRING 318 FS or SEBRING 480 FS for activity against seed and seedling diseases cause by Pythium spp. Follow application and other instructions found on the SEBRING 318 FS or SEBRING 480 FS product label.	

SWEET CORN	
DISEASE	RATE (Fl. Oz. / 100 lbs. of Seed)
For suppression of Die-back caused by <i>Penicillium</i> spp., <i>Fusarium</i> spp., and <i>Aspergillus</i> spp.	0.5 – 1.24
REMARKS	
Confirm compatibility, seed safety, seed safety in stored seed, and biological efficacy before tank mixing with other seed treatment products.	

WINTER WHEAT and TRITICALE	
DISEASE	RATE (Fl. Oz. / 100 lbs. of Seed)
Common Bunt ¹ Dwarf Bunt Flag Smut Seed-borne Septoria Loose Smut General Seed Rots ² Fusarium Seed Scab	0.5
Early Season Disease Control Common Root Rot (<i>Cochliobolus</i> spp.) Rhizoctonia Root Rot	
Common Bunt ¹ Dwarf Bunt Loose Smut Flag Smut Seed-borne Septoria General Seed Rots ² Fusarium Seed Scab	1.0
Early Season Disease Control Common Root Rot (<i>Cochliobolus</i> spp.) Fusarium Root Rot Fusarium Crown Rot Take-all Rhizoctonia Root Rot	
Fall Season Foliar Disease Control³ Fall Season Powdery Mildew Fall Season Leaf Rust Fall Season Septoria Leaf Blotch	
REMARKS	
¹ NUP-13009 controls both seed-borne and soil-borne common bunt. ² General seed rots controlled include those cause by saprophytic fungi such as <i>Penicillium</i> spp. and <i>Aspergillus</i> spp. ³ NUP-13009 provides control of fall season powdery mildew, fall season leaf rust, and fall season Septoria leaf blotch in winter wheat for the first 6 weeks after planting. For full season control of these foliar diseases, use a propiconazole fungicide labeled for this use.	

SPRING WHEAT and TRITICALE	
DISEASE	RATE (Fl. Oz. / 100 lbs. of Seed)
Common Bunt ¹ Seed-borne Septoria Loose Smut Flag Smut General Seed Rots ² Fusarium Seed Scab	0.5
Early Season Disease Control Common Root Rot (<i>Cochliobolus</i> spp.) Rhizoctonia Root Rot	
Common Bunt ¹ Loose Smut Flag Smut Seed-borne Septoria General Seed Rots ² Fusarium Seed Scab	1.0
Early Season Disease Control	

